

1 **CLAIMS**

2 1. An event management system comprising:

3 an email consumer configured to handle email messages;

4 a paging consumer configured to generate a page message;

5 an active scripting consumer configured to execute at least one script;

6 a log file consumer configured to record information in a log file;

7 an event log consumer configured to log messages to an event log; and

8 a command line consumer configured to launch at least one process.

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10 2. An event management system as recited in claim 1 wherein the email  
11 consumer is an SMTP consumer.

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13 3. An event management system as recited in claim 1 wherein the event  
14 log consumer is an NT event log consumer.

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16 4. An event management system as recited in claim 1 further comprising  
17 a forwarding consumer to forward events.

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19 5. An event management system as recited in claim 1 wherein the email  
20 consumer sends an email message in response to receiving an event.

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22 6. An event management system as recited in claim 1 wherein the  
23 paging consumer will page a telephone number with a message in response to  
24 receiving an event.  
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1           7.     An event management system as recited in claim 1 wherein the active  
2 scripting consumer executes a predefined script when an event is received by the  
3 active scripting consumer.

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5           8.     An event management system as recited in claim 1 wherein the log  
6 file consumer records information to a log file when an event is received by the  
7 log file consumer.

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9           9.     An event management system as recited in claim 1 wherein the event  
10 log consumer logs a message to an event log when an event is received by the  
11 event log consumer.

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13          10.    An event management system as recited in claim 1 wherein the  
14 command line consumer launches a process in response to receiving an event.

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16          11.    An event management system as recited in claim 1 wherein events  
17 in the event management system are represented as objects.

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19          12.    An event management system as recited in claim 1 wherein each  
20 consumer in the event management system is represented as a class.

1           **13.**    A method comprising:  
2           creating an instance of an event filter which filters events based on event  
3 filter properties;  
4           creating an instance of an event consumer which defines an action; and  
5           creating a binding between the instance of the event filter and the instance  
6 of the event consumer, wherein the binding includes properties identifying the  
7 instance of the event filter and the instance of the event consumer.  
8

9           **14.**    A method as recited in claim 13 wherein the action defined by the  
10 event consumer is performed in response to receiving an event that satisfies the  
11 event filter properties.  
12

13           **15.**    A method as recited in claim 13 wherein the event filter is  
14 represented as a class.  
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16           **16.**    A method as recited in claim 13 wherein the event consumer is  
17 represented as a class.  
18

19           **17.**    A method as recited in claim 13 wherein the binding is represented  
20 as a class.  
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22           **18.**    A method as recited in claim 13 wherein the event consumer is an  
23 event forwarding consumer to forward events.  
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1           **19.**    A method as recited in claim 13 wherein the event consumer is a  
2 scripting consumer that executes a predefined script in response to receiving an  
3 event.

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5           **20.**    A method as recited in claim 13 wherein the event consumer is a log  
6 file consumer to record information to a file when an event is received by the log  
7 file consumer.

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9           **21.**    A method as recited in claim 13 wherein the event consumer is an  
10 email consumer to send an email message in response to receiving an event.

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12           **22.**    A method as recited in claim 13 further comprising:  
13           creating a second instance of an event filter which filters events based on a  
14 second set of event filter properties; and  
15           creating a second binding between the second instance of the event filter  
16 and the instance of the event consumer.

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18           **23.**    A method as recited in claim 13 further comprising:  
19           creating a second instance of an event consumer which defines a second  
20 action; and  
21           creating a second binding between the event filter and the second instance  
22 of the event consumer.

1           **24.**    One or more computer-readable memories containing a computer  
2 program that is executable by a processor to perform the method recited in claim  
3 13.

4  
5           **25.**    One or more computer-readable media comprising a schema, the  
6 schema comprising:

7               at least one event consumer class that represents a consumer of an event;  
8               at least one event filter class that represents event filtering parameters; and  
9               at least one binding class that represents the association of at least one  
10 event consumer and at least one event filter.

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12           **26.**    One or more computer-readable media as recited in claim 25  
13 wherein the event consumer class comprises multiple classes representing  
14 different actions to perform in response to particular events.

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16           **27.**    One or more computer-readable media as recited in claim 25  
17 wherein the binding class includes a first property identifying an associated event  
18 consumer and a second property identifying an associated event filter.

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20           **28.**    One or more computer-readable media as recited in claim 25  
21 wherein the event filter class includes multiple properties that determine which  
22 events pass through the event filter.

1           **29.** One or more computer-readable media as recited in claim 25  
2 wherein the event consumer class includes an event forwarding consumer to  
3 forward events.

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5           **30.** One or more computer-readable media as recited in claim 25  
6 wherein the event consumer class includes an email consumer to send an email  
7 message in response to a received event.

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9           **31.** One or more computer-readable media as recited in claim 25  
10 wherein the event consumer class includes a log file customer to log information  
11 to a file when an event is received by the log file consumer.

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13           **32.** One or more computer-readable media as recited in claim 25  
14 wherein the event consumer class comprises:

15           an email consumer;  
16           an active scripting consumer;  
17           a log file consumer; and  
18           a command line consumer.

19  
20           **33.** An event management system comprising:  
21           an event filter object to filter events;  
22           an event consumer object to perform an action in response to a received  
23 event; and  
24           a binding object to create an association between the event filter object and  
25 the event consumer object.

1  
2       **34.**    An event management system as recited in claim 33 wherein the  
3 binding object includes properties identifying the event filter object and the event  
4 consumer object.  
5

6       **35.**    An event management system as recited in claim 33 wherein the  
7 event filter object includes a plurality of event filter properties that identify events  
8 that pass through the event filter.  
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10       **36.**    An event management system as recited in claim 33 wherein the  
11 event consumer object is an event forwarding consumer to forward events.  
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13       **37.**    An event management system as recited in claim 33 wherein the  
14 event consumer object is a log file consumer to record information to a file when  
15 an event is received by the log file consumer.  
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17       **38.**    An event management system as recited in claim 33 wherein the  
18 event consumer object is an email consumer to send an email message in response  
19 to receiving an event.  
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